

496406

M.A. R. 57 (Rule 116)

Depth	Contents	Reference to last Measurement
5	7	8

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	test est:- job code:- head of account:- n.s.no:- i.s.no:- age no:- loan order amount:- loan order no:-	25.00 lakhs. ✓ 007-12-000075 11771. ✓ AS CE(YNK) 320 18-19; dt: 28.02.18 TS CE(YNK) 08 18-19; dt: 26.03.18 NO-EE BTP APP 163 18-19; dt: 05.11.18 N. Lokanath addy. ; 2171203.07 <u>NO. B3AMP EE BTP 160 163 18-19;</u> <u>05.11.18</u> ✓					

MEASUREMENT BOOK

MDN-B2LL-

Serial No.	Name of Work	Name of Contractor of nature of Agency	Date of commencement of work
1	2	3	4
Date	Full description, etc, of work	Qty vide page	At the rate
1	2	3	4

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Mem. No. 01:-	Earthwork excavation involving an average depth upto 1.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods, complete as per specification.)	by manual horizontal throw upto 2m and an average					
	Qty vide page no. 436408 → 507.15 cum						
	At the rate of Rs. 16.34 →						
Mem. No. 02:-	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granitic material machine mixed, concrete laid in layers, not exceeding 15 cms,						

38716

38720.90

K

6	Contents	Reference to last Measurement
7		8

means in ordinary soil, upto 2m and an average of and sides neatly ed neatly after breaking

38716

3872090

on cement concrete & on sige graded granitic layers, not exceeding

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496412

Serial No. From To
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Qty vide page no. 496410 → 184.65 cum At the rate of Rs. 4531.15 →						836676.85
	Item No. 03:- Providing laying, spreading and compacting graded fine aggregate to wet mix-macadam specification including premixing binder at one in mechanical mix plant carriage of mixed to site, laying in uniform layers with parer in sub base base course, Qty vide page no. 496408 → 79.0 cum At the rate of Rs. 1557.90 →						122679.10

MEASUREMENT BOOK

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
<u>Item No. 04:-</u>	Providing 11M steel reinforcement for RCC straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design., Qty vide page no. 436410 → 1.13 tonne. At the rate of Rs. 56424.99 →					work including,	
<u>Item No. 05:-</u>	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars., Qty vide page no. 496411 → 168 sqm At the rate of Rs 340.74 →						

Serial No.
Name of Work
Name of Contractor of nature of A
Date of commencement of work .

Date
1 Full description, etc., of
2

Item No. 06:- Providing design mix M20 is granite metal 0.45g cum with 9008 machine RCC-drain: Bottom sidewall:

496413

Serial No.

Name of Work From To

Name of Contractor of nature of Agency

Date of commencement of work

496413

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No. 06:- Providing and laying in position reinforced cement concrete of design mix M20 with Ope cement @ 330 kgs with 30mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplasticizers @ 21kgs conforming to IS aggregates @ 9008 machine mixed, concrete laid in layers not exceeding 15cm th.,	01	30.0	0.60	0.15	= 2.70 ✓	
	Rec-drain : Bottom 0.30	01	30.0	0.60	0.15	= 2.70 ✓	
		01	30.0	0.60	0.15	= 1.80 ✓	
		01	30.0	0.15	0.50	= 4.50 ✓	
	Sidewall:	1x2=2	30.0	0.15	0.50	= 4.50 ✓	
		1x2=2	30.0	0.15	0.50	= 4.50 ✓	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	At the rate of Rs. 5596.22 →	$1 \times 2 = 2$	20.0	0.15	0.60	$\frac{3.60}{19.80 \text{ cum}}$	$\frac{110805.15}{}$
	Item No. 11:- Providing and fixing 100mm thick precast RCC covering slabs using reinforced cement concrete M20 mix with stone aggregate 20mm and downsize including centering, shuttering reinforcement and bar bending down size including earth, not exceeding 15cm th well compacted cost of all materials.	55	0.60	0.75	24.75	$\frac{24.75}{24.75}$	
	covering slab on drain:	55	0.60	0.75	24.75		
	30-60	55	0.60	0.75	24.75		

Serial No.	Name of Work	Name of Contractor of nature of Agency	Date of commencement of work
1	Full description, etc, of work	2	60-80
			Elumandamma temple
			Qty Ltd to 8
			At the rate
Item	NO-08:-	Providing and	masonry in foundation
			incourses not less

M. A. R. 57 (Rule 116)
Measurement Book

No. B
496414

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work From To

Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	60-80	01	35 M	0.60	0.75	15.75	
	Elumandamma temple road:	01	20 M	0.60	0.90	10.80	
		01	25 M	0.60	0.90	13.50	
						89.55 sqm	
	Qty Ltd to 88.50 sqm						
	At the rate of Rs. 1844.43 →						
	Item No. 08:- Providing and constructing granite trap basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20cms high, bond stones at top in apart in each						
							163239.00

Contents	Reference to last Measurement
16.20	8
3.60	
19.80 cum	
110805.15	
Recovering slabs	
with stone aggregate	
chattering reinforcement	
th, not exceeding 15cm	
1.75	
4.75	
49.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	
1	2	3	4	5	6	8
	course including cost of materials, labour, curing etc., complete. $0.1 \times 2 = 2$ 5.0 0.45 0.75 = 3.38 cum					7
	At the rate of Rs. 3898.08 →					13175.50
Item No. 09:-	Providing ruled cement mortar as 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials. Pointing to 3mm. At the rate of Rs. 32.58 →					7
						13175.50
						244.35

Serial No.
 Name of Work
 Name of Contractor of nature of Agency
 Date of commencement of work

Date	Full description, etc, of work
1	2
Item No. 10:-	Providing and concrete blocks of size than 1800tglm ³ and 4 to 10mm ² . Raising side wall of old drain opp to elum...
	At the rate

496415

Serial No.		From..... To.....					
Name of Work		Name of Contractor of nature of Agency					
Date of commencement of work							
Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	<u>Item No. 10:-</u> Providing and constructing non load bearing wall with solid concrete blocks of size 400 x 200 x 200 mm having block density not less than 1800 kg/m ³ and having a minimum average compressive strength 4.00 N/mm ² , Raising side wall of old drain opp to elum and amma temple.						
	At the rate of Rs. 832.34 →	1 x 2 = 2	40.0	0.20	-	= 16.0 sqm	13957.45

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No. 12:-	Providing and fixing 20cm th. precast RCC covering slab using reinforced cement concrete 1:2 with stone aggregate 20mm and down size including centering shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15cm-th.)	09	1.80	0.60	-	9.72 sqm	43632.98
	At the rate of Re. 4488.99 →						
Item No. 14:-	Providing and fixing MS grating	14	-	-	-	14 nos	829-
	At the rate of Rs. 82.85 →					Limit: 10.00	1159.30

Serial No.	
Name of Work	
Name of Contractor of nature of Agency	
Date of commencement of work	
Date	Full description, etc, of work
1	2
Item No. 07:-	Providing and fixing 1:2:4 with cement metal coarse aggregate machine mixed concrete culvert bottom: culvert sidewall coping Ramps for RCC drain
	0-30 30-60 60-80

Serial No.		From..... To					
Name of Work		Name of Contractor of nature of Agency					
Date of commencement of work		Date of completion of work					
Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item No.0-1:-	Providing and laying in position plain cement concrete q mix 1:2:4 with cement @ 240 kg with 10mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregate @ 0.459 cum machine mixed concrete laid in layers not exceeding 15 cm, th.)	01 ✓	5.0 ✓	1.80 ✓	0.15 ✓	1.35 ✓	
	cutvert bottom:	1x2=2	5.0 ✓	0.45 ✓	0.12 ✓	0.54 ✓	
	cutvert sidewalk coping	01 ✓	25.0 ✓	0.30 ✓	0.10 ✓	0.15 ✓	
	Ramps for RCC drain	01 ✓	25.0 ✓	0.30 ✓	0.10 ✓	0.15 ✓	
		01 ✓	15.0 ✓	0.30 ✓	0.10 ✓	0.45 ✓	
							3.84

Serial No.		From..... To.....					
Name of Work		Name of Contractor of nature of Agency					
Date of commencement of work							
Date	Full description, etc. of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
Item. No.0.1:-	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kg with 10mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregate @ 0.459 cum machine mixed concrete laid in layers not exceeding 15cm, th.)	01 ✓	5.0 ✓	1.80 ✓	0.15 ✓	1.35 ✓	
	Culvert bottom:	01 ✓	5.0 ✓	0.45 ✓	0.12 ✓	0.54 ✓	
	Culvert sidewall coping	1x2=2					
	Ramps for Rec drain	01 ✓	25.0 ✓	0.30 ✓	0.10 ✓	0.75 ✓	
		01 ✓	25.0 ✓	0.30 ✓	0.10 ✓	0.75 ✓	
		01 ✓	15.0 ✓	0.30 ✓	0.10 ✓	0.45 ✓	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	copying for raising sidewalk of old drain. 18 x 2	40.0	0.20	0.10	0.10	1.60	5.44 cum
	Qty Ltd to 5.35 cum						27100.75
	At the rate of Rs. 5065.56 →						
	Cement concrete pavement.						
	Road opp to elumandamma temple.						
	0-20	01	30.0	5.0	0.10	15.0	
	30-60	01	30.0	5.0	0.10	15.0	
	60-90	01	30.0	5.0	0.10	15.0	
	90-100	01	10.0	5.0	0.10	5.0	
						50.0 cum	

Item No. 13:-

Qty Ltd to 5.35 cum

At the rate of Rs. 5065.56 →

Cement concrete pavement.

Road opp to elumandamma temple.

Serial No.

Name of Work

Name of Contractor of nature of Age

Date of commencement of work

Date 1

Full description, etc, of work 2

Road joining Ku

0.10

30.0

30.0

30.0

10.0

Assistant Executive Engineer

Kodigehalli Sub Division

Yelahanka Zone, B.B.M.

Item No. 15:- Bangalore

Qty vide

At the rate

OK

M. A. R. 57 (Rule 116)
Measurement Book

No. B

4966417

Depth	Contents	Reference to last Measurement
6	3.84	8
7		

Serial No.

Name of Work

Name of Contractor of nature of Agency

Date of commencement of work

From

To

0.10 = 1.60	5.44 cum	21100.75
0.10 = 15.0		
0.10 = 15.0		
0.10 = 15.0		
0.10 = 5.0		
0.10 = 5.0 cum		

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
1	Road Joining Kucempu main road:						
	0-30	01	30.0	5.0	15.0		
	30-60	01	30.0	5.0	15.0		
	60-90	01	30.0	5.0	15.0		
	90-120	01	30.0	5.0	15.0		
	120-130	01	10.0	5.0	5.0		
	Total =				115.0 cum		
	Assistant Executive Engineer, Kodigehalli Sub Division, Yelahanka Zone, B.B.M.P., Bengaluru and Chargu:-						
	8th vide elem NO.01						
	Rate of Re. 93 →						
	21,67,259 - 2167590.88						

16414.45

628041.45

41164.95

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2 <u>certificate</u>	3	4	5	6	7	8
1).	certified that the beneficiary has completed the ~~big~~ work.						
2).	satisfactorily.						
	certified that above quantities are not taken under any other grants.						
	<u>Asst. Eng. N.D</u> <u>AE (W)</u>						

lux style

Assistant Executive Engineer,
Kodigehalli Division,
Yelahanka, B.B.M.P.,
Bangalore.

-boards
-guyappa-temple

Asst. Eng. N.D
AE (W)

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Full description, etc, of work

Date

1

2

OK

Depth	Contents	Reference to last Measurement
6	7	8

Completed the ~~last~~ work.

not taken under any

Executive Engineer,
Division,
B.B.M.P.,
Bengaluru.

M. A. R. 57 (Rule 116)
Measurement Book

No. B

496418

←

Serial No.
Name of Work
Name of Contractor of nature of Agency
Date of commencement of work

Date	Full description, etc., of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6		8

Diagram showing a cross-section of a structure with dimensions and labels.

Labels: towards Aggappa temple, (150m), (150m), (150m), towards N.H. Assistant Executive Engineer, Bengaluru.

INDEX

RCC-drain	CC-road
6H-drain	

Royalty charges:

[illegible]

[illegible]